# **Senior Leadership Briefing**

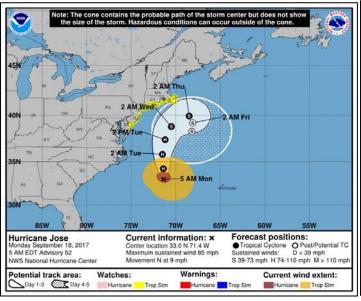
# Hurricane Maria and Post-Tropical Cyclone Irma & Harvey Monday, September 18, 2017 (5:00 a.m. EDT) Updates in Blue

### **Current Situation:**

Hurricane Maria: As of 5:00 a.m. EDT, Hurricane Maria was located 100 miles east of Martinique with maximum sustained winds of 90 mph. Maria is moving toward the west-northwest near 13 mph, and this motion with a decrease in forward speed is expected through Tuesday night. On the forecast track, the center of Maria will move across the Leeward Islands late today and tonight and then over the extreme northeastern Caribbean Sea Tuesday and Tuesday night. Maria is likely to be at Category 3 or 4 intensity by the time it moves into the extreme northeastern Caribbean Sea.

Hurricane Jose: As of 5:00 a.m. EDT, Hurricane Jose was located 280 miles east-southeast of Cape Hatteras, North Carolina with maximum sustained winds of 85 mph. Jose is moving toward the north near 9 mph and this general motion is expected to continue through tonight. On the forecast track, the center of Jose is forecast to pass well offshore of the Outer Banks of North Carolina today, pass well east of the Delmarva peninsula tonight and Tuesday, and pass well to the east of the New Jersey coast on Wednesday. Some gradual weakening is expected during the next couple of days, however, Jose is forecast to remain a Hurricane through Tuesday.

**Florida Flooding:** While recession is ongoing for many rivers across Florida, areas of moderate to major flooding will continue through the remainder of the week. Heat indices should range from the lower to upper 90s through the early week. In addition, isolated showers and thunderstorms are possible, particularly across the eastern and southern peninsula. (NOAA Update, September 18, 2017, 5:00 a.m. EDT)

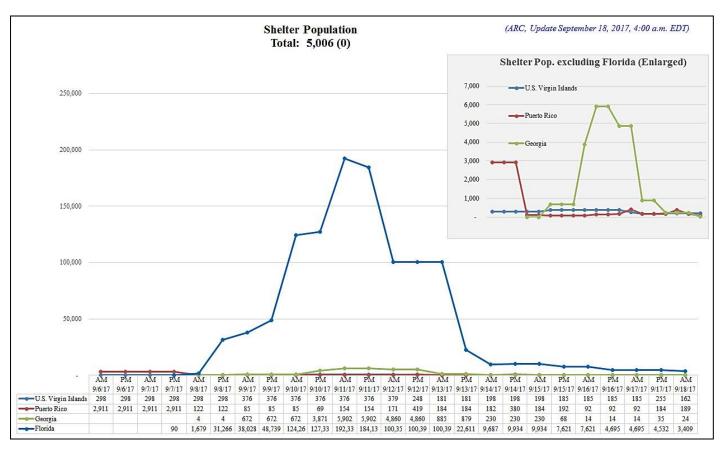


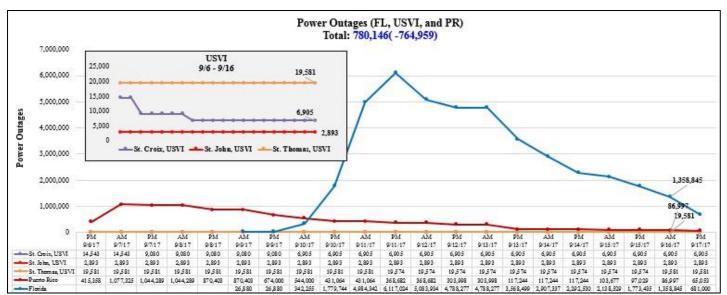


**Impact Summary:** 

	Population Impacts						
State/ Tribe	Confirmed Fatalities	Shelters / Population	Customer Power Outages	Hospitals	Evacuations	Other	
USVI	5	Shelters: 4 (-1) Pop: 162 (-93)	St. Thomas: 19,574 St. John: 2,893 St. Croix: 6,905	Hospitals: 1 closed  Dialysis Centers: 1 closed	No orders	Curfew on St. Thomas and St. John in effect from 6:00 p.m. to 8:00 a.m. EDT	
PR	3	Shelters: 3 (-1) Pop: 189 (+5)	65,053 (-4,824)	All open	No orders	Not Reported	
FL	34	Shelters: 53 (-17) Pop: 3,409 (-1,123)	677,345 (-527,549)	Hospitals: 9 (-1) closed, 4 evacuated, 3 on generators  Long-term facilities: 9 (+1) closed  Dialysis Centers: 14 (-40) closed	Mandatory: 0 (-6) counties  Voluntary: 0 (-1) counties	13 counties' public school systems open; remaining counties are closed with 37 projected to reopen schools September 18	
Seminole Tribe	0	Shelters: 3 (-1) Pop: 25 (-2)	Power line repairs scheduled for September 17 at Big Cypress reservation	Power restored at Immokalee reservation clinic	No orders	Two points of distribution open and distributing supplies	
GA	5	Shelters: 1 (0) Pop: 24 (-11)	4,714 (-17,987)	Hospitals: 2 closed  Long-term facilities: 0 closed  Dialysis: 2 closed	No orders	Not Reported	
As of:	September 17 11:00 a.m.	September 18 4:13 a.m.	September 17 2:00 p.m.	September 17 10:57 p.m.	September 17 2:00 p.m.	September 17 1:16 p.m.	

<sup>\*</sup>Reporting threshold is greater than 1% of population (HHS-APR Report, ESF-6, ESF-8, ESF-12, RIV, Tribal Affairs Liaison, FL Division of Emergency Management, FL Department of Education, FL Department of Management Services, and FL State Emergency Response Team COP)





(ESF-12 Update, September 17, 2017, 4:00 p.m. EDT)

	Infrastructure Impacts						
State/ Tribe	Air	Ports	Transit	Roads	Fuel/Gas	Water	
USVI	Cyril E. King Airport on St. Thomas open for military, disaster relief, and small commuter aircraft from St. Croix; commercial flights to start September 18	Coast Guard issued Port Condition XRAY for USVI ports effective September 17 in preparation for Hurricane Maria	Public transit not operational in St. Thomas and St. John Ferry service between St. Thomas and St. John operational	Minimal damage in St. Croix and major damage in St. John	Normal supply chain operational	Six of eight municipal wastewater treatment plants in service; plant in St. Thomas pumping water and filling tanks  Four of 15 pump stations in St. Thomas and St. John not in service and boil water notice is in	
PR	All public use airports open	Coast Guard issued Port Condition XRAY for PR ports effective September 17 in preparation for Hurricane Maria	Ferry: Relief services only in Culebra; full service in Vieques Bus/Rail: Majority of the service operational	All major roads open with no damage reported	No concerns	Drinking and wastewater treatment plants at normal operations	
FL	Closed: 3 Open for emergency operations only: 5	Open with restrictions: Key West and Manatee	Commuter rail service closed; Public transit suspended in Orlando, Miami-Dade, and Key West; limited in Lee Counties to shelter run trips, resuming normal service September 18	I-75, I-10, and I-95 open; FL coordinating contracts to repair state highways. Several State Roads remain blocked		195 community drinking water systems under boil water notice	
Seminole Tribe	Not reported	N/A	N/A	Not reported	Low propane; delivery expected	Boil water notice lifted	
GA	All major airports open	All ports open	Coastal Regional Commission service remains suspended; re-entry not allowed in several counties	weather-related road closures	throughout GA	Six community water systems without power or on back-up generators; approximately 49 counties under boil advisory	
As of:	September 18 1:30 a.m.	September 17 2:00 p.m.	September 17 10:21 a.m.	September 17 10:31 p.m.	September18 1:30 a.m.	September 17 2:30 p.m.	

(ESF-1, USCG, RII, RIV, ESF-12, Tribal Affairs Liaison, DOE Sit Rep Updates, FL Department of Health, Waste Management) Authority)

**Declaration Activity:** 

State/Decies	Declaration	Declared Counties							
State/Region	Declaration	Individual Assistance	Public Assistance	Cost Share					
Region II	Region II								
Puerto Rico	9/10: <i>DR-4336</i>	4 municipalities	27 (0) municipalities	75%					
U.S. Virgin Islands	9/7: DR-4335	St. Thomas and St. John	All (Categories A-G)	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter; 75% (Cat C-G)					
Region IV									
Georgia	9/15: <i>DR-4338</i>	3 counties	All	75%					
Alabama	9/11: <i>EM-3389</i>		All 67 counties and Poarch Band of Creek Indians	75%					
Florida	9/10: <i>DR-4337</i>	48 (0) counties	All 67 counties	75% 100% (Cat B) for 30 days					
Seminole Tribe of Florida	9/8: <i>EM-3388</i>	-	Whole Tribe	75%					
South Carolina	9/7: <i>EM-33</i> 86	-	All 46 counties and Catawba Indian Nation	75%					

(FEMA Declarations Unit, September 17, 2017 3:07 a.m. EDT)

# Federal Force Laydown:

Department/Agency	Personnel Deployed		Department/Agency	<b>Personnel Deployed</b>	
FEMA – Deployed	2,901	(-73)	National Weather Service- NOAA	44	(0)
FEMA – Other Support	610	(+14)	National Guard Title 32	9,578	(0)
Urban Search & Rescue	151	(0)	DOD – Title 10	6,171	(+579)
Health and Human Services	796	(0)	General Services Administration	25	(-3)
Department of Transportation	26	(0)	U.S. Army Corps of Engineers	382	(0)
United States Coast Guard	979	(+126)	Department of the Interior	184	(0)
DHS – NPPD	5	(0)	USDA - U.S. Forest Service	117	(+17)
Department of Energy	12	(-2)	Small Business Administration (SBA)	59	(0)
US Department of Agriculture	11	(0)	Transportation Security Administration	273	(0)
Law Enforcement (ESF 13)	491	(-100)	Housing and Urban Development	0	(0)
Customs and Border Protection	153	(0)	Department of State	0	(0)
Civil Air Patrol	210	(0)	Environmental Protection Agency (EPA)	151	(0)
Immigration and Customs Enforcement	0	(0)	Totals	23,329	(+558)

(Situational Awareness Info Analysis, September 18, 2017, 4:45 a.m. EDT)

# **FEMA Headquarters:**

- National Response Coordination Center at Level I day shift, Level II night shift (NRCC Update, September 17, 2017, 8:00 p.m. EDT)
- National Incident Management Assistance Team (IMAT) East-2 will deploy to FEMA Region II Caribbean Area Division, San Juan, PR, and National IMAT East-1 is at Dania Beach, FL (Branch V Initial Operating Facility) (FEMA Operations Center Update, September 16, 2017, 8:24 p.m. EDT)
- Post-tropical Storm Irma CONUS recovery updates on p. 14

### Recovery

State/Territory	Total Individual Assistance Registrations	% of Projected Total Registrations	% of Total Households in Disaster Area	
Region II				
U.S. Virgin Islands	3,764	72.3%	86.1%	
Puerto Rico	2,991	35.6%	42.3%	

(Open Disaster Summary, September 17, 2017, 11:32 p.m. EDT)

- Strategic Workforce Augmentation Team taking calls at three NPSCs, FEMA pop-up call centers,
  Headquarters, all FEMA Regions, and from home; 4,821 call center agents available to receive calls
  September 18 to support all disasters with open registration periods (Recovery Contact Center Surge Staffing Timeline,
  September 17, 2017, 11:30 a.m. EDT)
- o 260 Disaster Survivor Assistance (DSA) cadre members deployed/deployed pending check-in and training in support of Hurricane Irma affected States and Territories (DSA Cadre Management Section Update, September 17, 2017, 7:14 a.m. EDT)

#### Mutual Aid

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	USVI	17 (+2)	7 (+2)
IV	FL	153 (0)	36 (0)

(EMAC Sit Rep #50, September 17, 2017, 8:00 p.m. EDT)

### **FEMA Region I**

• Regional Response Coordination Center (RRCC) will activate to Level II (Partial Activation), day shift only, on September 18 at 8:30 a.m. EDT to monitor potential impacts to Hurricane Jose (Region 1 OPORD #1, September 17, 2017, 2:46 p.m. EDT)

# **FEMA Region II**

- Regional Response Coordination Center (RRCC) at Level II (Partial Activation) day shift, Level III (Partial Activation) night shift; transitioning to Level II (24/7) at 8:00 p.m. EDT on September 18 (National Sit Rep., September 18, 2017, 3:00 a.m. EDT)
- FEMA Region II IMAT in St. Croix, USVI; FEMA Region X IMAT in St. Thomas, USVI (FIWA update, September 17, 2017, 2:42 p.m. EDT)
- Region II Caribbean Area Division working from Continuity of Operations (COOP) site (RII DSAR, September 16, 2017, 4:00 p.m. EDT)
- U.S. Virgin Islands: EOC at Full Activation, state of emergency remains in effect, Federal Coordinating Officer (FCO) William Vogel on site in St. Croix (RII DSAR, September 16, 2017, 4:00 p.m. EDT)
- **Puerto Rico:** EOC at Full Activation, state of emergency remains in effect, FCO is Alejandro De La Campa (RII DSAR, September 16, 2017, 4:00 p.m. EDT)
- Responder Relocation for Hurricane Maria:
  - O Three relocation flights are scheduled for September 18. Two flights will depart St. Croix at 12:00 and 12:10 p.m. EDT and one flight will depart from San Juan, PR at 6:00 p.m. EDT. Each flight has capacity for 150 personnel and is expected to be well under capacity
  - o A five-person team is on site in Atlanta, GA for intake and logistics
  - o 200+ hotel rooms are reserved in the Atlanta metropolitan area, and additional lodging is available at the Center for Domestic Preparedness in Anniston, AL(RSS Call, September 18, 2017, 12:00 a.m. EDT)

# **FEMA Region IV:**

- RRCC at Level II (Partial Activation, 24/7), will transition to partial from 7:00 a.m.-7:00 p.m. EDT to 7:00 a.m.-11:30 p.m. EDT September 19 (RIV Update, September 18, 2017, 5:00 a.m. EDT)
- HQ National Tribal Affairs Advisor on site at RIV RRCC supporting communications to four tribes outside of FL affected by Irma (FEMA Tribal Affairs Update, September 16, 2017, 12:14 p.m. EDT)
- Region IV IMAT-1 and Region I IMAT at FL EOC and Region IV IMAT-2 at GA EOC (RIV Update, September 16, 2017, 1:00 p.m. EDT)
- Region IV Liaison Officers (LNOs) at FL, GA, AL, and Seminole Tribe EOCs (1 each) (RIV Update, September 17, 2017, 2:04 p.m. EDT)
- Florida: State EOC at Full Activation and state of emergency remains in effect, FCO is Justo "Tito" Hernandez
  - O Miccosukee Tribe: Two EOCs at Full Activation (FEMA Tribal Affairs Update, September 16, 2017, 12:14 p.m. EDT)
- Seminole Tribe of Florida: Tribal EOC at Full Activation (24/7, all ESFs supporting)
  - o FEMA Planner, Tribal LNO, Operations, and Logistics teams on site (FEMA Tribal Affairs Update, September 16, 2017, 12:14 p.m. EDT)
- Georgia: EOC at Partial Activation, FCO is Thomas J. McCool (FEMA Update, September 16, 7:36 p.m. EDT)

# **Interagency Coordination/Response:**

### • ESF-1: Transportation

- o U.S. Coast Guard (USCG) set Port Condition X-RAY for USVI and PR ports due to Hurricane Maria, effective 8 p.m. EDT September 17; Port Condition X-RAY is a readiness condition in response to gale force winds within 48 hours; vessels exceeding 500 gross tons and oceangoing barges and supporting tugs that have not received permission from the USCG to remain in port must depart.
- O (4335-DR Sit Rep, September 17, 2017, 7:00 a.m. EDT)
- o U.S. Marine Corps (USMC) cleared debris from 25 miles of roadway on St. John (USVI SitRep Update, September 17, 2017, 9:53 p.m. EDT)
- o Mobile Air Traffic Control Tower continues to provide air traffic control in St. Thomas but will relocate to CONUS evening of September 18 (ESF-1 Update, September 17, 2017, 10:25 p.m. EDT)

#### • ESF-2: Communications

- o Satellite phone disbursement is underway to facilitate effective communication reach back for staff remaining in the USVI for Hurricane Maria (4335-DR Sit Rep, September 17, 2017, 7:00 a.m. EDT)
- o Staff initiated the installation of the FEMA National Radio Network (NRN) on Crowne Mountain in St. Thomas. This channel will permit command and control coordination in St Thomas through the network control center in Frederick, MD (4335-DR Sit Rep, September 17, 2017, 7:00 a.m. EDT)
- o The majority of cell coverage in USVI remains down: St. Thomas: 65% loss; St. John: 90% loss; St Croix: 17.9% (-2.6) (ESF-2 Update, September 17, 2017, 9:00 p.m. EDT)
- One Mobile Communications Office Vehicle (MCOV) en route to St. Thomas will remain on SS Wright until Hurricane Maria passes
- o Two satellite communication sleds supporting Environmental Protection Agency (EPA) voice, internet, and data connections expected to arrive in St. Croix September 18

### • ESF-3: Public Works and Engineering

- United States Army Corps of Engineers (USACE) amending the following activities in USVI and PR in anticipation of Hurricane Maria
  - Some personnel in USVI and PR will shelter in place; USACE exploring options to move other personnel to USS Kearsarge (ESF-3 Update, September 17, 2017, 9:44 a.m. EDT)
  - 250,000 sandbags arrived in PR on September 18 (ESF-3 Update, September 18, 2017, 2:30 a.m. EDT)
  - USACE preliminary assessments indicate over 90% of 50,000 structures in St. Thomas and St. John damaged (ESF-3 Update, September 17, 2017, 1:25 a.m. EDT)
- O Movement of 31 generators to USVI via barge from Joint Base McGuire-Dix-Lakehurst paused (ESF-1 Update, September 16, 2017, 11:00 p.m. EDT)
- O USACE Mobile Command Vehicles, fuel trucks, and generators intended for USVI delayed (ESF-3 Update, September 17, 2017, 9:23 a.m. EDT)
- Timeline for debris removal operations estimated to commence October 1 for St. Thomas and October 8 for St. John, pending Hurricane Maria impacts
- o Temporary Housing Requirements/"Blue Roof" Mission:
  - Estimated 6,000-7,000 structures will need Blue Roofs; 800-1,000 structures will need Blue Roofs on St. John; first blue roof installation scheduled September 19 (ESF-3 Update, September 17, 2017, 9:44 a.m. EDT)

#### • ESF-4: Firefighting

- o USVI/PR: National Incident Management Organization (NIMO) Incident Management Team (IMT) assigned to assist with management of USVI EOC standing by pending Hurricane Maria
- o FL/CONUS: All-hazards IMT supporting ESF-13 with management of a law enforcement base camp located at Moody AFB, GA (ESF-4 Update, September 17, 2017, 9:54 p.m. EDT)

#### • ESF-5: Information and Planning

- o National Oceanic and Atmospheric Administration (NOAA) National Geodetic Survey (NGS) aircraft will depart USVI September 18 in advance of Hurricane Maria (NOAA, September 17, 2017, 1:23 p.m. EDT)
- ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services
  - o USVI/PR:
    - Generator installation is currently underway at Bertha C. Boschulte Middle School in St. Thomas
      which has been identified as a shelter location in anticipation of Hurricane Maria (4335-DR Sit Rep, September
      17, 2017, 7:00 a.m. EDT)

- Additional shelter facilities will be opened for residents in the USVI and PR prior to the onset of Maria's tropical storm force wind; residents are being advised not to shelter in their homes if the structures sustained damage from Hurricane Irma (Region II DSAR, September 17, 2017, 4:00 p.m. EDT)
- Arrangements have been made for the safety of volunteer responders deployed to USVI (ESF-6 Update, September 18, 2017, 1:08 a.m. EDT)

### • ESF-7: Logistics Management and Resource Support

- FEMA has shipped 40,912,754 meals, 699 generators and 37,475,078 liters of water to FL, GA, PR, and USVI (ESF-7 Update, September 18, 2017, 1:00 a.m. EDT)
- o Hurricane Maria Preparations:
  - Replenishing all CONUS distribution centers with plastic sheeting, tarps, and infant toddler kits
  - Ordered additional 3M military meals ready to eat; to be sent to Jacksonville, FL for onward movement to PR if requested; will begin shipping truckloads of meals and water September 19 as long as St. Thomas port remains open (ESF-7 Update, September 17, 2017, 2:02 p.m. EDT)
- o USVI/PR: FEMA has provided 1,617,241 meals and 694,970 liters of water to USVI and 3,600 liters of water and four generators to PR (ESF-7 Update, September 18, 2017, 1:00 a.m. EDT)
- o Maritime Sea Bridge: 1.68M liters of water, 10,000 cots, and 31 generators on Conquistador barge no longer expected to arrive in PR September 19, vessel will remain at sea and outside the impact area until Hurricane Maria passes (ESF-7 Update, September 18, 2017, 2:13 a.m. EDT)
- o Air Bridges: Three flights are scheduled between September 18 and 19 to deliver 312,000 meals from Atlanta, GA to San Juan, PR has been changed to September 23 due to Hurricane Maria (ESF-7 Update, September 18, 2017, 2:13 a.m. EDT)

#### • ESF-8: Public Health and Medical Services

- o USVI
  - USACE located a temporary intermediate-term facility in St. Thomas to support medical and hospital needs while the Schneider Regional Medical Center is being rebuilt. Reconstruction may take approximately one to two years (St. Croix Situation Report #7, September 17, 2017, 8:00 p.m. EDT)
  - All St. Thomas dialysis patients evacuated and transferred to San Juan Convention Center in PR and are receiving dialysis services (HHS R2/R4 Sit Rep, September 18, 2017, 7:00 p.m. EDT)

#### • ESF-9: Search and Rescue

- o VA-TF 1, Live Find Canine package, two Logistics packages, and the Red US&R Incident Support Team advance element remain staged in PR for Hurricane Maria tasking (St. Croix Situation Report #7, September 17, 2017, 8:00 p.m. EDT)
- o VA-TF 2 will be airlifted to San Juan, PR on September 18 prior to Hurricane Maria's arrival (RSS Call, September 18, 2017, 12:00 a.m. EDT)

#### • ESF-10: Oil and Hazardous Materials Response

- o Environmental Protection Agency (EPA) Fixed Facility Damage Assessment Teams completed assessments of 50 of 62 facilities on USVI
  - All EPA personnel on the USVI (26 responders) will reposition to CONUS; will return to PR and USVI after Maria passes and resume assessments
- USCG estimates 1,000 boats off their mooring, grounded or sunk around St. Thomas and St. John; NOAA conducted over flights to capture high resolution images to assist USCG in prioritization of hazard materials removal projects (St. Croix Situation Report #7, September 17, 2017, 8:00 p.m. EDT)
  - All USCG National Strike Force (NSF) personnel in St. Croix (6) will reposition to PR, personnel in St. Thomas (10) will reposition to Coast Guard Air Station Elizabeth City, NC (8) and PR (2), and personnel in PR (11) will shelter in place in San Juan, PR (ESF-10 Update, September 17, 2017, 1:49 p.m. EDT)

#### • ESF-11: Agriculture and Natural Resources

- Shipments of pet food to USVI on hold until Hurricane Maria passes
- o Animal assessment team in St. John relocated to join second team in St. Thomas; both teams moving to PR evening of September 17 and then to Atlanta, GA September 18 due to Hurricane Maria
- o St. Thomas animal shelter at four times capacity; opted to find private plane to evacuate animals
- O St. John animal shelter opted to shelter in place with animals (ESF-11 Update, September 17, 2017, 11:52 a.m. EDT)

#### • *ESF-12: Energy*

- o USVI:
  - Seven Seas Reverse Osmosis Water Production Plant operating at full capacity (3.3 million gallons potable water per day); emergency water storage is rebuilding slowly as pump stations are reenergized (USVI Situation Report #7, September 17, 2017, 10:00 p.m. EDT)
  - Power restoration: Department of Energy's Western Area Power Administration (WAPA) deployment of crews, equipment, and materials to USVI postponed until Hurricane Maria passes
  - Adequate fuel supplies available in USVI in advance of Hurricane Maria

### • ESF-13: Public Safety and Security

o USVI/PR: All safety and security personnel supporting Disaster Medical Assistance Team (DMAT) personnel in USVI repositioning to San Juan, PR evening of September 18; will return to USVI if needed after Hurricane Maria passes (ESF-13 Update, September 17, 2017, 6:00 p.m. EDT)

### • ESF-15: External Affairs

o Social media: Some USVI and PR residents have expressed a desire to evacuate but are unsure how or where to go in USVI/PR (ESF-15 Update, September 17, 2017, 9:18 p.m. EDT)

### • U.S. Department of Defense (DOD)

- o U.S. Northern Command (USNORTHCOM):
  - USS Kearsarge Amphibious Ready Group (ARG) beginning to move away from Maria's path; USS
     Iwo Jima ARG redeploying to home port
    - U.S. Army Area Support Medical Company (ASMC) and U.S. Air Force Ground Surgical Team (GST) operating in St. Thomas are aboard USS Kearsarge; will return after Hurricane Maria passes
- Defense Logistics Agency (DLA): Of 40 generators originally requested, 20 being staged at Caterpillar facility in Tampa, FL and 20 being delivered to following ISBs: eight to Lakeland ISB North and 12 to Lee ISB South

#### • National Guard

o Repositioning personnel from USVI: 65 members and aircraft will move from USVI to PR, departing by September 19; remaining 570 members will shelter in place on St. Croix; additional personnel arrivals on hold due to Hurricane Maria (NGB Update, September 17, 2017, 10:42 p.m. EDT)

#### • U.S. Coast Guard (USCG)

- o USVI/PR:
  - Five C-130 flights conducted on September 17 to support relocation of USCG members and families, DHS responders, and equipment to Clearwater, FL, Elizabeth City, NC, and Borinquen, PR
  - USCG cutter and aviation hurricane avoidance plans being finalized
  - USCG National Strike Force support for ESF-10 missions on hold in USVI until after passage of Hurricane Maria (USCG Update, September 18, 2017, 12:56 a.m. EDT)

#### • U.S. Customs and Border Protection (CBP)

O Coordinating evacuations of employees, dependents, and temporary duty support personnel from USVI in preparation for Hurricane Maria (CBP Update, September 17, 2017, 11:49 a.m. EDT)

### • U.S. Department of the Interior (DOI)

o USVI/PR: U.S. Geological Survey (USGS) will deploy temporary sensors on south and east coasts of PR on September 18 as part of training exercise in preparation for Hurricane Maria (DOI Update, September 17, 2017, 1:50 p.m. EDT)

# **Commodities Tables**

• The following commodities have been ordered by and shipped to the State or Territory:

# **Total**

Product Class	Total Items Shipped to State/Territory
Blanket	34,635
Commodities Used in Sheltering Items & Services (CUSI)	167
Cot	21,930
Generators	78
Hygiene	25,001
Meal	11,496,391
Sheeting	51,200
Tarp	78,249
Water	8,105,860

# **Virgin Islands**

VI	Ordered Qty	Shipped to State/Territory Qty
CUSI	58	15
Cot	450	300
Generators	29	0
Hygiene	0	1
Meal	2,052,924	1,617,241
Sheeting	135,056	15,192
Tarp	0	13,272
Water	121,500	694,970

# **Puerto Rico**

PR	Ordered Qty	Shipped to State/Territory Qty
Cot	2,150	3,057
Gen	4	4
Water	3,600	3,600

# Florida

FL	Ordered Qty	Shipped to State/Territory Qty
Blanket	10,000	11,750
CUSI	90	152
Cot	5,624	6,068
Generator	138	74
Hygiene	25,000	25,000
Meal	7,237,154	9,276,006
Sheeting	38,785	36,008
Tarp	35,846	38,275
Water	6,678,217	6,532,970

# Georgia

GA	Ordered Qty	Shipped to State/Territory Qty
Blanket	15,425	22,885
Cot	12,700	12,505
Meal	610,992	603,144
Tarp	27,928	26,702
Water	917,280	874,320

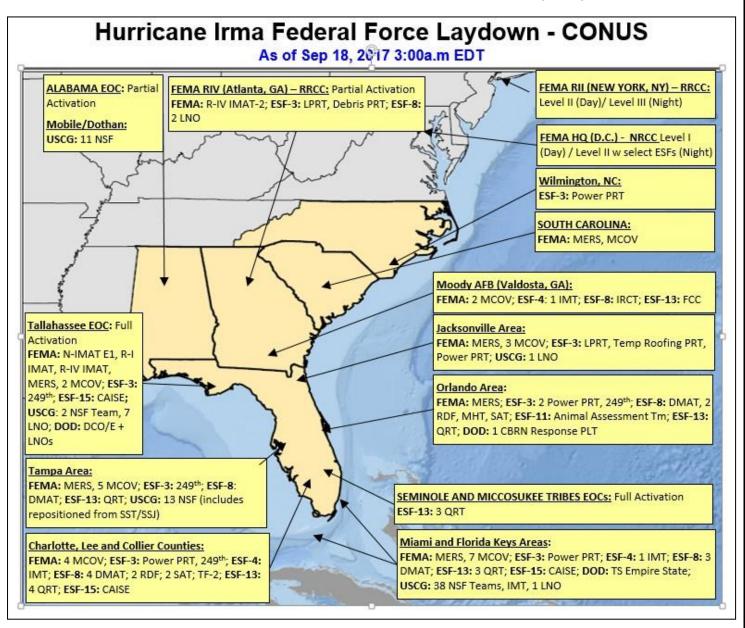
(ESF-7 Update, September 18, 2017 5:00 a.m. EDT)

• The following commodities are prepositioned in support of the incident; summaries for Ordered, Arrived, and Shipped are cumulative over the entire incident

Product Class	Ordered to FEMA Staging Sites Qty	Arrived at FEMA Staging Sites Qty	Shipped from FEMA Staging Sites* Qty	Available at FEMA Staging Sites** Qty
Blanket	123,051	134,559	134,559	57,998
CUSI	1,040	537	841	447
Cot	38,237	35,005	41,065	16,105
Generators	772	640	699	148
Hygiene	275,565	75,001	275,265	1
Meal	50,794,994	36,347,146	40,912,754	15,325,175
Sheeting	129,777	68,256	69,600	40,203
Tarp	433,489	298,838	298,838	80,358
Water	45,549,367	35,438,641	37,475,078	20,858,859

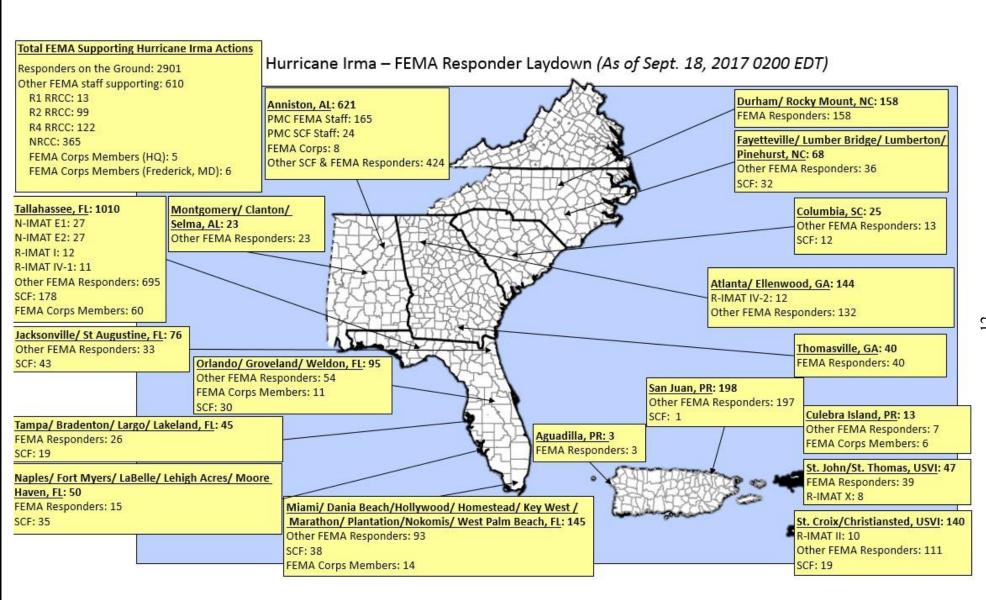
<sup>\*</sup>Summary of all commodities shipped from FEMA Staging Sites to State/Territory Sites or other FEMA Staging Sites in support of Irma operations.

(ESF-7 Update, September 18, 2017 5:00 a.m. EDT)

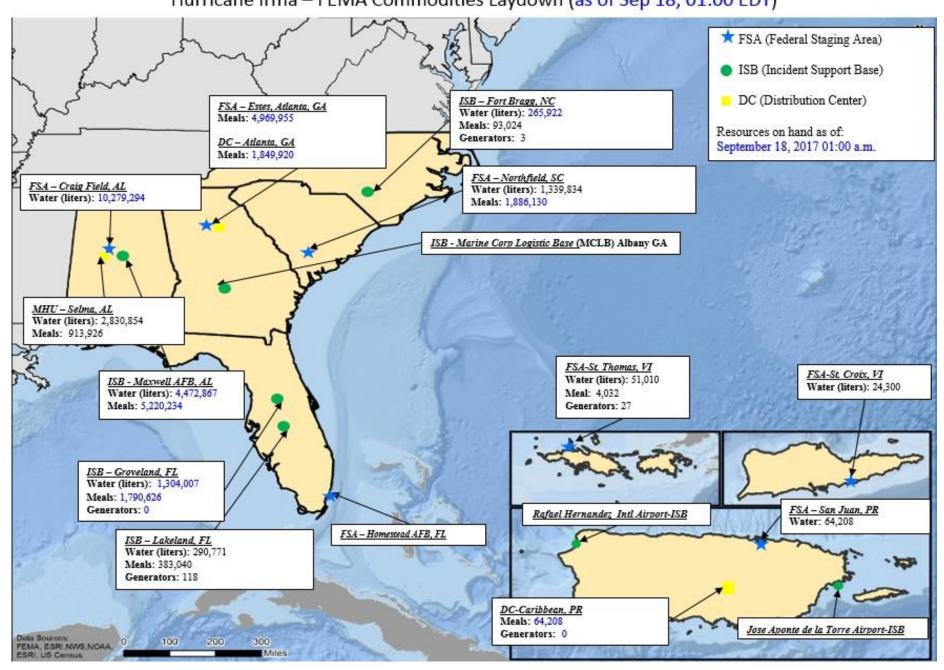


<sup>\*\*</sup> Summary of all commodities at FEMA Staging Sites that are not allocated to fulfill an outbound order to another FEMA or State/Territory facility.

Miles



# Hurricane Irma - FEMA Commodities Laydown (as of Sep 18, 01:00 EDT)



# Recovery Snapshot Post-Tropical Cyclone Irma

Monday, September 18, 2017 (5:00 a.m. EDT) Updates in Blue

# **Housing Recovery**

#### • Individual Assistance

Individual Assistance (as of 09/18/2017, 1:00 a.m. EDT)						
State Total Registrations Total Individuals & Households Program Approved		Housing Assistance Approved	Other Needs Assistance Approved			
Florida	636,487	\$ 146,407,034	\$ 59,493,009	\$ 86,914,025		
Georgia	1,885	Not yet available	Not yet available	Not yet available		

• FEMA Inspections

Housing Inspections (as of 09/18/2017, 1:00 a.m. EDT)							
State Inspectors with Work Inspections Issued Inspections Complete % Complete							
Florida 493 107,065 971 0.9%							

### • National Flood Insurance Program Claims Estimates

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NFIP Claims Estimate (as of 09/18/2017, 1:00 a.m. EDT)						
State Claims Submitted Advanced Payments to Insured Survivors						
Florida	Over 13,000	Not available at this time				
Georgia	Over 1,300	Not available at this time				
South Carolina	Over 1,400	Not available at this time				
U.S. Virgin Islands	28	Not available at this time				
Puerto Rico	4	Not available at this time				

#### • Temporary Housing

o Transitional Shelter Assistance (TSA)

Transitional Sheltering Assistance (as of 09/18/2017, 1:00 a.m. EDT)					
State Households Currently Checked In to Hotel Currently Eligible					
Florida	4,809	229,135			

#### o Shelters/Mass Care

- FEMA has provided 9,191,526 meals, 6,343,608 liters of water, and 74 generators to FL (ESF-7 Update, September 17, 2017, 1:00 p.m. EDT)
- Southern Baptist Disaster Relief has seven kitchens operating in FL at 30%, with capacity of 140,000 meals per day; two kitchens in GA with capacity of 30,000 meals per day
- Salvation Army has 61 mobile units in FL with capacity of 91,500 meals per day; potential shortfall identified in mobile feeding units in Monroe and Collier Counties, Naples, and Fort Myers; sourcing additional supplies out of other Salvation Army territories (ESF-6, September 17, 2017, 2:38 p.m. EDT)
- Defense Logistics Agency (DLA) is continuing final deliveries of 12M commercial shelf stable meals to Ellenwood, GA by 20 September (DoD Update, September 18, 2017, 1:08 a.m. EDT)
- o Responder Lodging: T.S. Empire State docked in Key West, FL on September 16 and is ready to receive response personnel for berthing (ESF-1 Update, September 17, 2017, 10:14 p.m. EDT)

## Housing Recovery/Repair

• Temporary Housing Requirements/Blue Roof Mission continues; four Right-of-Entry (ROE) centers open in Lee, Collier (two centers), and Pinellas counties (RIV Trifold, September 17, 2017, 5:00 p.m. EDT)

# **Infrastructure Recovery**

#### • Infrastructure Assessments

- ESF-5 completed survey of Miccosukee tribal lands in FL
- o FEMA Public Assistance developing a needs assessment to address Seminole Tribe's request for a temporary facility to support tribe's fire department (4337-DR Sit Rep #9, September 16, 2017, 9:00 a.m. EDT)
- O Civil Air Patrol used 11 aircraft to complete 19 photo sorties over FL September 17 (CAP, September 17, 2017, 1:49 p.m. EDT)

#### Critical Infrastructure

- Fuel: 16% of stations statewide have no fuel (DR-4337 COP, September 17, 2017, 2:00 p.m. EDT)
- o Power restoration: Florida Power and Lighting has 22,000 personnel from 30 states and Canada working to restore services to customers (ESF-12 Sit Rep Update, September 17, 2017, 5:18 p.m. EDT)
  - Utilities estimate power restoration to the east coast by September 17 and most of the west coast of FL by September 22 (ESF-12 Update, September 17, 2017, 1:40 p.m. EDT)
  - Defense Logistics Agency (DLA): Of 40 generators requested, 20 is being staged at Caterpillar facility in Tampa, FL; 20 being delivered to following ISBs: eight to Lakeland ISB North and 12 to Lee ISB South
- o Ports
  - Port of Key West open with restrictions, expected to be lifted September 18
  - FL has seven plus days of fuel in the ports (DR-4337 COP, September 17, 2017, 2:00 p.m. EDT)
  - U.S. Coast Guard (USCG) established temporary regulated navigation area and temporary safety zone for waters within the Key West port (ESF-1 Update, September 17, 2017, 12:53 a.m. EDT)
- O Airports: Key West International Airport running low on jet fuel; inspection of pipeline completed, pipeline prepared to move fuel upon airport request (ESF-1 Update, September 17, 2017, 11:49 a.m. EDT)
- o Roads:
  - FL: Highway 1 open to Key West; I-75, I-10, and I-95 open; FL coordinating contracts to repair state highways
  - GA: Coastal Regional Commission remains suspended
- O Water: 195 community water drinking systems in FL under boil water notice; water and wastewater services have returned to regular operations in Jekyll Island and McIntosh County, GA (HHS R2/R4 Sit Rep#19, September 17, 2017, 7 p.m. EDT
- o Comcast opened 137,000 hotspots for public access in FL through September 20; processing 10,000 hotspots for GA and 6,000 for SC (ESF-2 Update, September 17, 2017, 12:58 p.m. EDT)
- Debris Removal: Debris removal mission for ESF-3 is complete (RSS Update, September 18, 2017, 12:00 a.m. EDT)

### **Health and Social Services**

- Health Services:
  - o Ten Medical Reserve Corps (MRC) units in FL activated to provide functional needs support to patients at an evacuation staging area, support health/medical services in seven shelters, provide water distribution services, EOC call center support, and other general needs; one MRC unit in GA is activated to provide shelter support for functional and access needs patients in Augusta, GA. Two (2) units in AL and MS on stand-by to support potential requests in the areas of emergency prescription distribution and behavioral health
  - o 15 behavioral health facilities in FL closed, and five are on generator power
- Schools: 13 FL counties have open public school systems, remaining 54 counties are closed with 37 counties projecting reopening schools on September 18 (DR-4337 COP, September 17, 2017, 2:00 p.m. EDT)
- HHS anticipates human services need to increase in the FL Keys due to residents returning to homes (as far as Key West by September 18). As the residents return, they are unlikely to leave the Keys and therefore not likely to access human services available elsewhere (HHS R2/R4 Sit Rep #19, September 17, 2017, 7 p.m. EDT

Economic	Rec	over	<b>'y</b>	
TT C C	11.75		4 4	

• U.S. Small Business Administration established three disaster recovery centers in Jacksonville, Clearwater, and St. Augustine, FL to support businesses applying for SBA disaster loans (SBA Hurricane Irma website, September 18, 2017, 3:12 a.m. EDT)

### **Natural and Cultural Resources**

- USACE conducting Light Detection and Ranging (LiDAR) data collection of eastern FL beaches on to assess coastal erosion impacts (ESF Sit Rep Update, September 17, 2017 9:44 a.m. EDT)
- USDA Wildlife Services representative is in FL and providing drone surveillance of animal agricultural areas that have not been accessible by road. Additionally, a Veterinary Services representative has been forward deployed as part of the large animal assessment team (4337-DR Sit Rep #9, September 16, 2017, 9:00 a.m. EDT)

# Recovery Snapshot

# **Post-Tropical Cyclone Harvey**

Monday, September 18, 2017 (5:00 a.m. EDT) Updates in Blue

# **Housing Recovery**

### • Individual Assistance (IA)

Individual Assistance (as of 09/18/2017, 1:00 a.m. EDT)							
State	Total Registrations	Housing Assistance Approved	Other Needs Assistance Approved				
Texas	761,419	\$ 484,278,986	\$ 329,938,842	\$ 154,340,143			

• FEMA Inspections

Housing Inspections (as of 09/18/2017, 1:00 a.m. EDT)							
State Inspectors with Work Inspections Issued Inspections Complete % Complete							
Texas	2,076	486,941	157,151	32.2%			

National Flood Insurance Program Claims Estimates

NFIP Claims Estimate (as of 09/18/2017, 1:00 a.m. EDT)						
State	State Claims Submitted Advanced Payments to Insured Survivors					
Texas	Over 86,000	Over \$347,000,000				
Louisiana	Over 460	Over \$674,000				

#### • SBA Home Loans

	SBA Home Loans (as of 09/17/2017, 1:40 a.m. EDT)					
State	State Applications Received % Processed Applications Approved Loan \$ Approved Amount					
Texas	31,212	59%	2,814	\$237,114,700	\$84,263	

### • Temporary Housing

o Transitional Shelter Assistance (TSA)

Transitional Sheltering Assistance (as of 09/17/2017, 7:13 a.m. EDT)				
State Households Currently Checked In to Hotel Currently Eligible				
Texas	23,416	304,246		

- o Shelters/Mass Care: 24 open shelters, housing 4,389 (-45), provided 1,053,026 meals and 1,124,171 snacks
  - American Red Cross disbursed \$46.4 million to 116,000 approved registrations
  - The Salvation Army Area Command transitioned to the Arlington Emergency Disaster Services (EDS) warehouse in Dallas (Dallas County)
- o Rental assistance for temporary housing costs incurred during a utility outage is \$61.1 million for 46,779 households; rental assistance, as a result of inaccessibility reasons available for incurred temporary housing costs and is currently at \$8.1 million for 8,021 households (4332-DR JFO SitRep #20, September 17, 2017, 7:00 a.m. EDT)

#### • Housing Recovery/Repair

- o FEMA authorized Clean and Removal Assistance (CRA) for all designated counties for homeowners with disaster-related real property damage that does not qualify for Home Repair Assistance because the damage did not render the home uninhabitable; there are 3,519 households eligible
- O Red-shirt Disaster Housing Assistance Teams (DHAT) continued conducting recons of pre-existing mobile home parks (MHP) in the affected areas, with 70% completed. (4332-DR JFO SitRep #20, September 17, 2017, 7:00 a.m. EDT)

### Public Housing

o A privately-owned apartment complex in Houston (Harris County) with a HUD rental assistance contract provided eviction notices to all its residents, effective September 18; HUD coordinated with FEMA to have IA personnel take on-site applications (4332-DR JFO SitRep #20, September 17, 2017, 7:00 a.m. EDT)

### **Infrastructure Recovery**

#### • Infrastructure Assessments

- O The Infrastructure Assessment team assessed critical infrastructure in Rose City (Orange County) and Nome (Jefferson and Liberty counties). Infrastructure assessments for Madison and Grimes counties have been completed. Coordination with FEMA continues, providing information regarding infrastructure recovery efforts in Beaumont, Port Arthur and Lower Neches Valley Authority (Jefferson County). Discussions with FEMA continue on other impacted communities with potential assessment needs (4332-DR JFO SitRep #19, September 16, 2017, 7:00 a.m. EDT)
- **Critical Infrastructure:** Water: Eight public water systems along with nine (-1) waste water systems reported as inoperable, and 65 (-6) boil water notices remain in effect
- **Debris Removal**: Texas Commission on Environmental Quality (TCEQ) approved 118 Temporary Debris Management Site applications; TCEQ hired a contractor to conduct aerial surveys in the Brazoria County, Houston (Harris County), and Galveston (Galveston County) (4332-DR JFO SitRep #20, September 17, 2017, 7:00 a.m. EDT)

### **Health and Social Services**

- Texas Department of Health and Human Services Emergency Services (DHHS) is hiring 200 staff to process Individual Assistance (IA) Disaster Grants
- Aerial spraying is being conducted throughout the affected area to reduce threat of mosquito-borne diseases; the Federal Support Mosquito Spraying Mission has completed approximately 50% of the mission (1.5 million of estimated 2.9 million acres) (4332-DR JFO SitRep #20, September 17, 2017, 7:00 a.m. EDT)

# **Economic Recovery**

• Small Business Administration

SBA Business Loans (as of 9/17/2017)						
State Applications Received % Processed Applications Approved Loan \$ Approved Amount						
Texas	2,021	60%	217	\$19,475,500	\$89,749	

### **Natural and Cultural Resources**

- The Orphan Container Recovery Teams removed approximately 430 gallons of diesel fuel and recovered two tanks at Rose City Sand Corp in Vidor (Orange County)
- The Oil Discharge Assessment Team conducted an assessment of a reported leaking orphan container in Tomball (Harris County); assessments of targets in Fort Bend, Harris, Montgomery, and Walker counties were also conducted by the ER/Orphan Container Recovery Teams (4332-DR JFO SitRep #20, September 17, 2017, 7:00 a.m. EDT)